

Fig.1

Start  
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AK012157 1' AAACCNNTTTTCGTGGCAGACTTCCCTCCCTAGG-CGTGAGACTCCGGCTCCTTCACTATGA  
S74257 1" TTTTTTGTGCCACTGCTTCTCTTAGC-CGTGAGACTCCAGCTACTTCACTATGC  
FLJ21763 1" GGAGGACTTCTGCAGCACAGCTCCCTTCCCAGGACGTGAAAATCTGCCTTC-TCACCATGA  
  
\*\* \*\*\* \*\* \* \*\* \*\*\*\*\* \* \*\* \* \* \*\*\*\* \*\*

AK012157 61' GACTTCTAGCCCTTTCCGGTCTGCTCTGCATGCTGCTCCTCTGTTTCTGCATTTTCTCCT  
S74257 57" GACTTCTCACCCTCTCCGGTTTGTTCTTTCATGCTGTTCTCCTCTGTCTCTGCGTTCTCTCCT  
FLJ21763 120" GGCTTCTAGTCCTTTCCAGCCTGCTCTGTATCCTGCTTCTCTGCTTCTCCATCTTCTCCA  
\* \*\*\*\*\* \*\*\* \*\* \* \*\* \*\* \*\* \*\* \*\*\*\*\* \*\*\*\*\* \*\*\* \* \*\*\*\*\*  
| intron start

AK012157 121' CAGAAGGGAGAAGACATCCTGCCAAGTCCTTGAAACTCA-----GGCGCTGCTGTCA  
S74257 117" CAGAAGGGAGAAAGCGTCCTGCCAAGTTCCCGAAACTCA-----GGCCCTGCTGTCA  
FLJ21763 180" CAGAAGGGAAGAGGCGTCCTGCCAAGGCCTGGTCAGGCAGGAGAACCAGGCTCTGCTGCCA  
\*\*\*\*\* \* \* \*\*\*\*\* \* \* \* \*\*-----\*\*\* \*\*\*\*\* \*\*  
| intron start

AK012157 181' CCTATCTCCTAGATCCAAGCTGACAACCTGGAAAGGAAACCACACAAGGCCCTGCAGACT  
S74257 176" TCTATCTCCTAGATCCAAACCAATAACCTGGAAAGGAAACCACACAAGACCCTGCAGACC  
FLJ21763 240" CCGAGTCCCTAGCCCCAACTCAACAAACCTGAAAGGACATCATGTGAGGCTCTGTAAACC  
\* \* \*\*\*\*\* \*\*\*\*\* \* \*\* \* \*\*\*\*\* \* \*\* \*\* \* \*\*\*\* \* \*\*

stop  
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AK012157 241' CTGCAGAAACAAGCTACCAGTCAAGTCAT-GGGTGGTGCCTGGGGCTCTCCACAGATAT  
S74257 235" ATGCAGAAA---GCTAGAATCCAATTTCAT-GGGTGGTGCCTGGGGCTCTCCACAGATAT  
FLJ21763 300" ATGCAAGCTTGAGCC-AGAGCCCCGCCCTTTGGGTGGTGCCTGGGGCACTCCACAGGTGT  
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AK012157 299' AGGGCCT-----CCTCCGCCAGAG---TGA-AGCGTTG----ATGCCAG--  
S74257 292" AGGGCCTCCCGAAGCTGGCCTCCACCGAGA---TGA-AACGTTG----ATGTCCAG--  
FLJ21763 359" AG-CACT-----CCCAAAGCAAGACTCCAGACAGCGGAGAACCTCATGCCTGGC  
\*\* \*\* \*\* \* \*\*\*\*---\*-\* \*\* \*------\*\*\* \* -

# Fig. 2

AK012157 349' ATGTGGAGACACCAGAAGCATACACTATGTTGCCTTGCCCCTTGCCAATGAGCTGTGA  
 S74257 349" TTATGGAGACA--ACCTTC-TGGCCCCTA-CCAACCTT---CATGGCCAGAAAGCTGTGA  
 FLJ21763 418" ACCTGAGGTACCCAGCAGCCTCCTGTCTCCCCTTTCAGCCTTCACAGCAGTGAGCTGCAA  
 \*\* \* \* \* \* \*\* \*\* \*\*\*\*\* \*

AK012157 409' CACTGGAATGCTTCACTTCAGACATC-AGGGCGGATGG---ATTGCAGAATTCGAAGTCCTCATTCCAAAG  
 S74257 405" CACCAGAATGTTTCACTTCAGAC-----AGCTGGAAGG---ATTACAGAATTCGAAGCCCTCGTTCCAAAG  
 FLJ21763 478" TGTGGAGGGCTTCATCTCGGGCTGCAAGGACCCTGGGAAAGTTCCAGAACTCCACGTCCTGTCTCAATT  
 \*\* \* \*\*\*\*\* \*\* \* \* \* \* \* --- \*\* \*\*\*\*\* \*\*\*\*\* \* \*\*\* \* \*\*\*

AK012157 469' GTGTACCAACCTTCAGAGTCACTAAGGTCCAGGCTCAGCC-CACAAGTCACCATGGCTC  
 S74257 460" GTGCAACCAACCTTCAGAGTCACTATGATCCAGGGTCAGCC-CACAAGTCTTCATGGCTC  
 FLJ21763 538" GTGCCATCAACTTTCAGAGCTATCATGAGCCAACCTCAGCCTTCGAGTAGCTGGGATTA  
 \*\*\* \* \*\*\*\*\* \*\*\*\*\* \* \* \* \* \* \*\*\*\*\*- \* \*\*\* \* \*

AK012157 529' CTCCAGAGTAAAAGTCCAAGATTCCACCTGTGGGAGCTACAGATCCAGAGACTTTCAAGC  
 S74257 520" CTGCAGAGTAAAAGTCCAAGATTCCATCCCTGGGAGCTACAGATTACAGAGACTTCCAAGC  
 FLJ21763 598" CAGGTGTGCGCCACCACCCGGCTAATTTTTGCTTTTTTTTTTTTGAGACAGAATCTC  
 \* \* \* \* \* \*\* \* \* \* \* \* \* \* \*\*\*\*\* \*

AK012157 589' TGA CTAGAGTGCAGAGAAG-CAAGACCTCAGTGTGATCAGCCGAGACTACAGCATCTTGG  
 S74257 580" TGA CTGGCGAACAGAGTAG-CAAGACTTCCTTGTGATCAGATGAGATTACAGCATCTTAG  
 FLJ21763 658" GCTCTGTTGCTCAGGCTGGAGTGGAGTGCAGTGGCAGGATCTCAGCTCACTGCAGCCTCT  
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AK012157 649' GAACCCTCAGTCAGCCCCAAACCCCTAAGACTTAACCACTGGTCTCAAACCAACACCTG  
 S74257 640" GAACCCTCGGACACCCCCAAACCCATAGCATTTAATCAACGGGATATGAACCAACTCCTG  
 FLJ21763 718" G--CCTCCCGGGTTTCAGGAGATTCTCCTGACTCAACCTCCTGAGTAGCTGGGATTACAGG  
 \* \*\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

AK012157 709' TAACTTCCTAATGAAATCATCAGGAGGATACCAAAAAGAAATAAACCATAAATCAGCATACACAG  
 S74257 700" TAACTTCCTAATGTAATCACCAGGAGAACACCAAAAATAATAAATCATAAATCAATGT  
 FLJ21763 776" TGCCTGCCACTATGCCTAGCTAATTTTTGTATTTTGTAGTGGAGACGGGGTTTTGCCGTGTTGGCC  
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GGGGTGGTCTCGAACTCCTGACCTCAAGTGATCCACCCGCATCGGCCCCCAAAG

Fig. 3

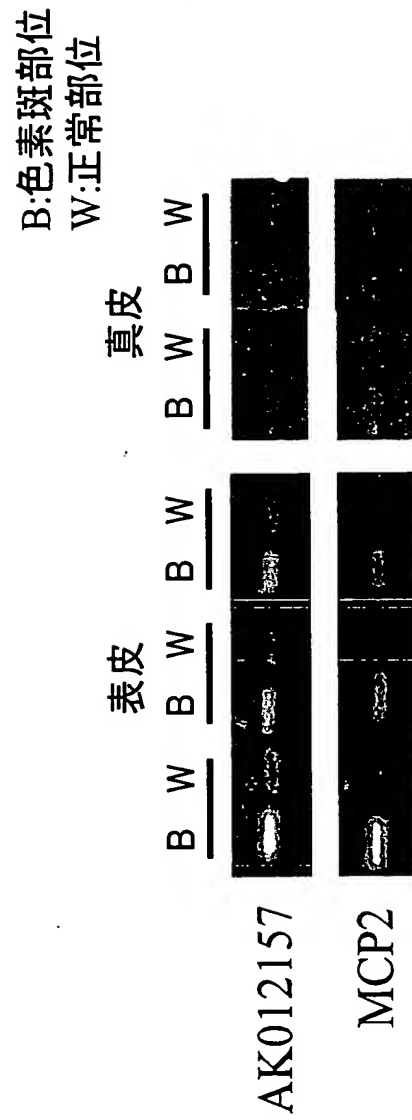
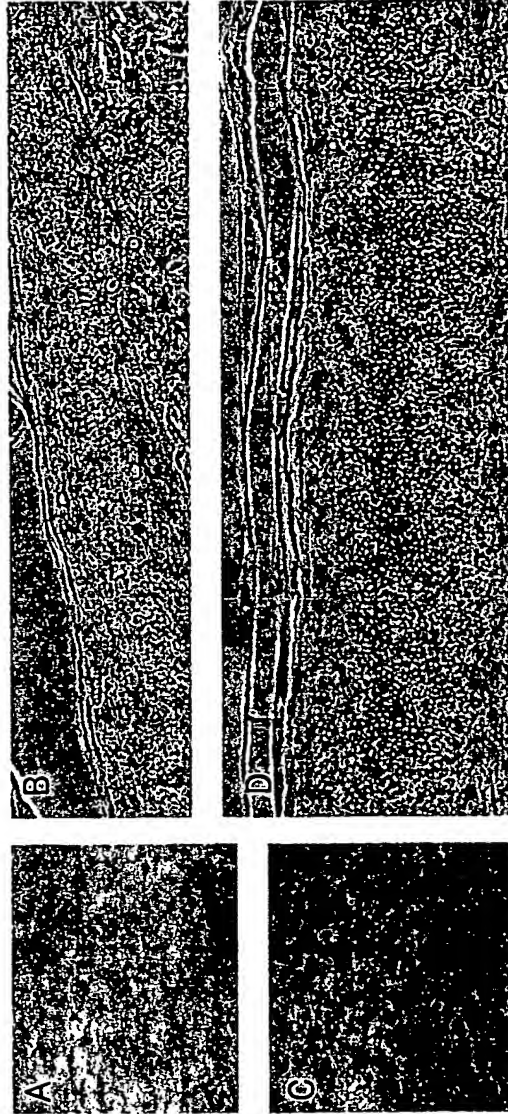


Fig.4

(紫色：AK012157 発現部位、茶色：メラニン)



x400

Fig. 5

(緑蛍光:MCP-2発現部位)

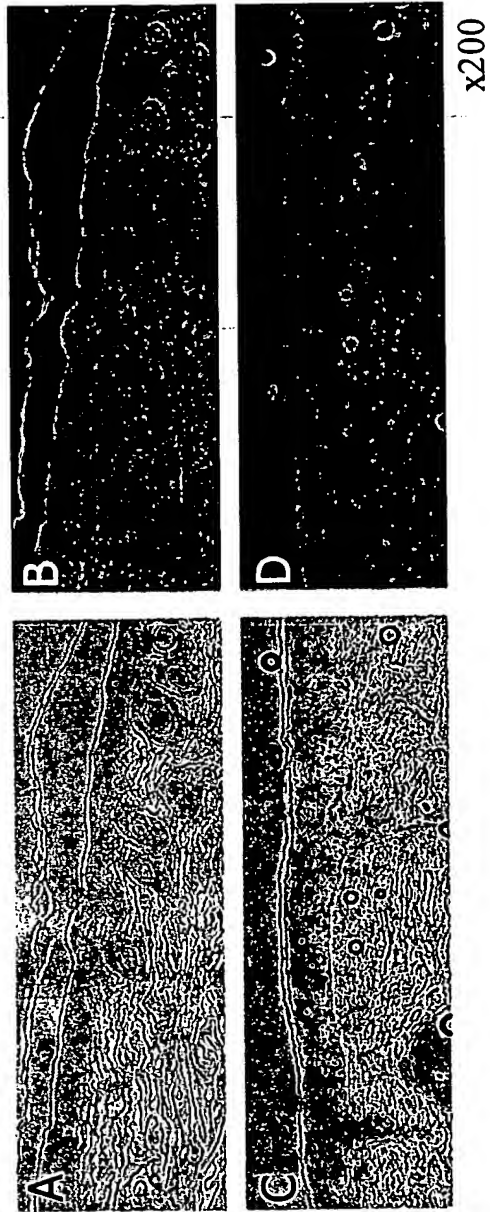


Fig.6

B:色素斑部位  
W:正常部位

